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<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary)</i></p>		<b>Complete if Known</b>	
		Application Number	New
		Filing Date	Herewith
		First Named Inventor	Qinghong Yang
		Art Unit	TBD
		Examiner Name	TBD
Sheet	1	of	2
		Attorney Docket Number	
		2502365-991010	

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
<i>m</i>	✓	WO 97/23646	07/03/97	Behringwerke Aktiengesellschaft	_____	
	✓	WO 00/20643	10/04/99	Mosaic Technologies	_____	
	✓	PCT/US01/29922 (ISR)	10/29/01	FreshGene, Inc.	_____	
	✓	PCT/US01/51104 (ISR)	04/15/02	FreshGene, Inc.	_____	
	✓	PCT/US01/07858 (ISR)	04/26/01	FreshGene, Inc.	_____	

Examiner Signature	<i>Markin</i>	Date Considered	3/20/2006
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language

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				First Named Inventor	Qinghong Yang
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				Examiner Name	TBD
Sheet 2		of 2	Attorney Docket Number 2502365-991010		

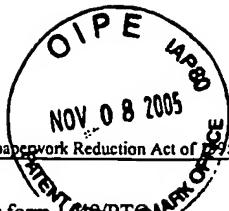
NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
<i>u</i>	—	D. ZERBIB, et al., "Coordinated Actions of RuvABC in Holliday Junction Processing," J. Mol. Biol., 281, pp. 621-630 (1998)				
	—	D. ADAMS, "Unwinding of Closed Circular DNA by the Escherichia Coli RuvA and RuvB Recombination/Repair Proteins," J. Mol. Biol., pp. 404-417 (1995)				
	—	C. MÉZARD, et al., "Escherichia Coli RuvBL268S: A Mutant RuvB Protein that Exhibits Wild-Type Activities in Vitro But Confers a UV-Sensitive Ruv Phenotype in Vivo," Nucleic Acids Res., Vol. 27, No. 5, pp. 1275-1282 (1999)				
	—	I. PANYUTIN, et al., "The Kinetics of Spontaneous DNA Branch Migration," Proc. Natl. Acad. Sci. USA, Vol. 91, pp. 2021-2025 (1994)				
	—	DAVIES, et al., "Formation of RuvABC-Holliday Junction Complexes in Vitro," Current Biology, Vol. 8, No. 12, pp. 725-727 (1998)				
	—	PANYUTIN, et al., "Formation of a Single Base Mismatch Impedes Spontaneous DNA Branch Migration," J. Mol. Biol., Vol. 230, No. 2, pp. 413-24 (1993)				
	—	SAIKI, et al., "Enzymatic Amplification of $\beta$ -Globin Genomic Sequences and Restriction Site Analysis For Diagnosis of Sickle Cell Anemia," Science, Vol. 230, No. 4732, pp. 1350-4 (1985)				
<i>✓</i>	—	WHITBY, et al., "Interactions Between RuvA and RuvC at Holliday Junctions: Inhibition of Junction Cleavage and Formation of a RuvA-RuvC-DNA Complex," J. Mol. Biol., Vol. 264, No. 5, pp. 878-90 (1996)				

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (07-05)

<p>Substitute for form 1, TRADEMARK INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)</p>				<i>Complete if Known</i>	
				Application Number	10/672,397
				Filing Date	September 26, 2005
				First Named Inventor	Qinghong Yang
				Art Unit	1634
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	26757-718.301

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>3</sup> ( <i>if known</i> )			
		US-		X	

## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>4</sup> (if known)				
<i>u</i>	—	WO 97/23646	07-03-1997	Behringwerke Aktiengesellschaft	—	
<i>u</i>	—	WO 99/36574	07-22-1999	Mayo Foundation for Medical Education and Research	—	

## NON-PATENT LITERATURE DOCUMENTS

NON-PATENT LITERATURE DOCUMENTS				
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<i>m</i>	—	BHATTACHARYYA, A., et al. 1991. Model for the Interaction of DNA Junctions and Resolving Enzymes. <i>Journal of Molecular Biology</i> London GB 221 (4): 1191-1207.	✓	
	—	BOLT, E., et al. 1999. Identification of Three Aspartic Acid Residues Essential for Catalysis by the RusA Holliday Junction Resolvases. <i>Journal of Molecular Biology</i> London GB 286 (2): 403-415.	✓	
	—	DAVIES, ADELINA A., et al. 1998. Formation of RuvABC-Holliday junction complexes <i>in vitro</i> . <i>Current Biology</i> 8 (12): 725-727.	✓	
	—	FRAPPIER, L., et al. 1989. Characterization of the Binding Specificity of Two Anticruiform DNA Monoclonal Antibodies. <i>Journal of Biological Chemistry</i> 264 (1): 334-34.	✓	
<i>v</i>	—	ICHIYANAGI, KENJI, et al. 1998. Mutational analysis on structure-function relationship of a Holliday junction specific endonuclease RuvC. <i>Genes to Cells</i> 3 (9): 575-586.	✓	

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